

## Presentation Descriptions

### TUESDAY

- OCIO Roadmap - CIO Update
- NISN Transition to the OCIO - NISN's recent transition to the OCIO.
- NISN Update - NISN Project accomplishment from the past year, current state of the project, and upcoming plans.
- SCA/NISN Mission Interface - How new flight missions interface to SCA/NISN for required communications services.
- OCIO Budget Process – Budget formulation and the Summary Investment Business Case (SIBC) process.
- NISN Budgeting Process and Why You Should Care - Describes the NISN budgeting process which includes the process for tracking, requesting, and communicating customer driven futures Core over guideline request decisions back to the customer community.
- NISN Funding Strategy - Describe the current NISN funding policy for customers. The briefing will also include information on metrics, PSLA schedule and upcoming Mission Directorate Reviews.
- Requirements Review Schedule - This breakout will provide a quick look at the project schedule for the 2008 Program Service Level Agreement (PSLA) requirements validation and mission directorate reviews. The NISN budget and funding processes will also be discussed and a question and answer session will be available.
- RDWG - The routed data working group is the yearly update reflecting changes to the NISN routed data network (Layer 3). Subjects include Jumbo Frame implementation, IP Service Level Assurance (IPSLA), Network Metric performance metric modifications, and the Trusted External Connection Office Management Budget mandate.
- DCNSS/IPAM/NTP - NISN's Data Center Network and Security Services (DCNSS) suite provides a secure Agency network presence at Centers, without traversing local network or firewall boundaries. This service update will brief attendees on the status of the service, including Centers served, new features recently implemented, and future plans. The Agency Internet Protocol Address Management (IPAM) Project is deploying a centralized IPAM system, including Domain Name Service (DNS) and Dynamic Host Control Protocol (DHCP) service. As Center and Project systems are migrated, they are incorporated into the NISN IPAM (formerly Agency DNS) Service. This update will brief attendees on the status of the project as well as the production service. Network Time Protocol (NTP) is a relatively new NISN service implemented to provide a single Agency source for network and system equipment timing. This service update will brief attendees on recently modifications to improve useability for the Agency.
- Updates to NOMAD WAN Requirements - The NOMAD project team is in the process of migrating from Exchange 2003 to Exchange 2007 which will change the inter-data center communications requirements. The Exchange 2007 Standby Continuous Replication (SCR) feature allows geographically diverse copies of user mailboxes which vastly improves the Agency's DR/COOP options. SCR will ship transaction logs between NASA Data Centers (NDCs) using the NISN PIP service to maintain the duplicate user mailboxes. Migrating to Exchange 2007 also enables NOMAD to move its resources to new data centers according to Agency NDC strategy.
- HEC - This will be a Q&A session to answer attendee's questions and explain how HEC usage will be addressed by Agency and NISN initiatives.
- Homeland Security Presidential Directive (HSPD)-12 - NCAD deployment; changes to Agency PKI, smartcard update, identities for remote-only IT users, and two-factor authentication.

### WEDNESDAY

- Networx - Status of procurement activity to select contractors for telecommunications services that NASA purchases through General Services Administration (GSA) Networx contracts. Planning for transition to the selected contractors will also be addressed.
- Agency IPv6 – Agency-wide IPv6 project review.

- NISN Implementation Status of IPv6 - Update reflecting the current Internet Protocol Version 6 (IPv6) protocol install status on the NISN routed data network.
- General Session: NCI - Included in NCI are Agency OCIO initiatives to centralize network management (including the notion of end-to-end network management), to strengthen the Agency's network perimeter (including the OMB mandate for Trusted Internet Connections), and to build out an Agency Intranet architecture. This briefing will include problem statement, objectives, and requirements, the to-be architecture, and Center impacts/responsibilities (including a discussion of the zoned architecture requirement).
- General Session: IPAM - The IPAM project is an Agency initiative to standardize and centralize management of Domain Name Service, DHCP, and IP address management. This briefing will include status of the project and upcoming milestones, including a schedule for each Center's implementations, and a discussion of the operations concept being employed for centralized management of operations.
- Agency-wide SOC Implementation – Security Operations Center overview.
- General Session: Conferencing Services - An overview of NISN Conferencing services including value added services, new technologies, and key strengths of service provision.
- General Session: ViIP - An overview of the ViIP Project including the current status, schedule, and proposed funding strategy.
- MOVE - Report on MOVE vendor progress to date, Option Site contract schedules and exercise processes, Indefinite Delivery/Indefinite Quantity (IDIQ) overview and ordering process.
- Breakout: NCI - This session will provide attendees with an opportunity to discuss the NCI Project in more detail, in a question-and-answer format.
- MOVE Impacts to Mission Network - Mission voice impacts to mission network.
- Mini-MCWG - Follow-up from last MCWG.
- Breakout: Conferencing Services - An interactive discussion of new technologies and upcoming changes in NISN's Conferencing Services.
- IPv6 Addressing Plan - The Agency's IPv6 addressing plan will be presented, with a Q&A session for address attendees questions.
- Russia Update - Project accomplishments from the past year, current state of the project, and upcoming plans.
- DSN - Deep Space Network breakout.
- Breakout: ViIP - An interactive discussion of the ViIP's architecture, concept of operations, and funding methodology.
- Mission Network under Networx - NISN is in the process of transitioning from the GSA FTS-2001 Contract to the new GSA Networx Contract for all of our carrier services. As part of this transition we are changing the Service Model for our Mission Services to a Carrier Managed Service. This breakout will focus on the Operational changes that are projected based on the requested change in Service Model.

### THURSDAY

- JWST - James Webb Space Telescope program and requirements review.
- NAB - The NAB is an agency level board to coordinate agency wide implementations of network requirements and to develop and recommend new network policies to the IT management board. All centers and mission directorate have voting membership.
- Mission Critical Network Overview - Mission critical network upgrade completion, existing network configuration and operational overview.
- NISN SBU Policy - An overview of what NISN considers SBU and the recent mandate for new marking.
- NASA ONLY Session - To discuss NASA/Government only topics such as budget and acquisition.

# Welcome to Thirteenth NISN Customers' Forum

The Westin  
Chicago, IL

August 25 - 28, 2008

# AGENDA

## Monday, August 25<sup>th</sup>

01:00 - 05:00 pm	Customer Registration
06:00 - 09:00 pm	Welcome Reception

## Tuesday, August 26<sup>th</sup>

07:30 am	Continental Breakfast Customer Registration
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### **General Session** *Wellington Ballroom*

08:30 - 08:45 am	Welcome - B. Edwards
08:45 - 08:50 am	Agenda Review / Logistics - E. Sudderth
08:50 - 09:50 am	Office of the Chief Information Officer (OCIO) Roadmap - J. Pettus
09:50 - 10:10 am	NISN Transition to the OCIO - B. Edwards
10:10 - 10:20 am	Break
10:20 - 10:50 am	NISN Update - B. Paschall
10:50 - 11:10 am	Space Communications and Navigation (SCaN) / NISN Mission Interface - M. Caulfield
11:10 - 11:40 am	OCIO Budget Process - S. Chapman
11:40 - 11:55 am	NISN Budgeting Process and Why You Should Care! - D. Searcy
11:55 - 12:10 pm	NISN Funding Strategy - D. Smithers
12:10 - 01:30 pm	Lunch

### **Breakouts**

01:30 - 02:30 pm	Requirements Review Schedule - W. Norwood/D. Smithers/D. Searcy ( <i>Mayfair</i> )
01:30 - 03:00 pm	Routed Data Working Group - K. White ( <i>Governors</i> ) <b>NASA and NASA Contractors Only</b>
02:45 - 03:30 pm	NOMAD - E. Everton ( <i>Mayfair</i> )
03:00 - 04:00 pm	Service Updates: DCNSS/NTP/IPAM - C. Bryant ( <i>Buckingham</i> )
03:45 - 05:00 pm	HSPD-12 - K. Petraska ( <i>Mayfair</i> )
04:15 - 05:30 pm	HEC - C. Bryant ( <i>Buckingham</i> )

## Wednesday, August 27<sup>th</sup>

07:30 am	Continental Breakfast
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### **General Session** *Wellington Ballroom*

08:30 - 08:35 am	Agenda Review - E. Sudderth
08:35 - 08:50 pm	Networx - M. Bruegge
08:50 - 09:20 am	Agency IPv6 - M. Turner NISN Implementation Status of IPv6 - K. White
09:20 - 09:50 am	NISN Project Update: Network Communications Initiative (NCI) - C. Bryant
09:50 - 10:00 am	Break
10:00 - 10:30 am	Internet Protocol Address Management (IPAM) - C. Bryant/J. Busby
10:30 - 10:50 am	Agency-wide Security Operations Center (SOC) Implementation - L. Drury
10:50 - 11:15 am	NISN Service Update: Conferencing Services - P. O'Neill
11:15 - 11:40 am	Video Teleconferencing Service Over IP (ViIP) - S. Sables
11:40 - 12:00 pm	NISN Project Update: Mission Operations Voice Enhancement (MOVE)* - D. Duffy
12:00 - 01:30 pm	Lunch

### **Breakouts**

01:30 - 03:00 pm	NCI- C. Bryant /D. Clark ( <i>Wellington</i> )
01:30 - 02:30 pm	MOVE Impacts to Mission Network - V. Stewart ( <i>Governors</i> )
02:45 - 03:45 pm	Mini-MCWG - V. Stewart ( <i>Governors</i> )
03:15 - 04:15 pm	Conferencing Services - K. Hatley/ P. O'Neill/J. Hale ( <i>Wellington</i> )
03:15 - 04:15 pm	IPv6 Addressing Plan - C. Bryant/ M. Turner ( <i>Buckingham</i> )
03:15 - 04:15 pm	Russia Update - A. Jordan ( <i>Regent II</i> )
04:00 - 05:00 pm	DSN - V. Stewart/S. Douglas ( <i>Regent I</i> )
04:15 - 05:15 pm	Video Teleconferencing Service Over IP (ViIP) - K. Hatley/S. Sables ( <i>Wellington</i> )
04:30 - 05:00 pm	Mission Network under Networx - S. Douglas ( <i>Governors</i> )
06:00 - 08:00 pm	Group Dinner - Pizza <i>Gino's East</i>

## Thursday, August 28<sup>th</sup>

07:30 am	Continental Breakfast
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### **General Session** *Wellington Ballroom*

08:30 - 08:35 am	Agenda Review - E. Sudderth
08:35 - 09:05 am	James Webb Space Telescope (JWST) - C. Fatig
09:05 - 09:35 am	Network Architecture Board (NAB) - T. Dyson
09:35 - 09:50 am	Mission Critical Network Overview - V. Stewart
09:50 - 10:05 am	NISN Sensitive But Unclassified (SBU) Policy - M. McCutchen
10:05 - 10:15 am	Break
10:15 - 12:00 pm	<b>NASA Only Session</b> - B. Paschall
12:00 - 01:30 pm	Lunch

### **Breakouts**

01:30 - 03:30 pm	Internal NISN Meeting - ( <i>Wellington</i> )
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### Room Locations

2<sup>nd</sup> Floor: Wellington, Buckingham, Consulate West, Consulate I & II and Windsor

3<sup>rd</sup> Floor: Governors, Michigan, Boardroom, St. Clair, Regent I & II and Mayfair

**\*NOTE:** MOVE Switch Demo in St. Clair (Tues & Wed)

Hours of Operation for the Communications Room (Consulate West): 7:00 am - 5:30 pm